



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/725,829-Conf. #7267	
			Filing Date	December 1, 2003	
			First Named Inventor	Mee Len Chye	
			Art Unit	1638	
			Examiner Name	A. R. Kubelik	
Sheet	1	of	1	Attorney Docket Number	V9661.0043

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JAC	CA	Balandin et al., Plant Molecular Biology, Vol. 27, pgs. 1197-1204 (1995)	
	CB	Thornburg et al., Proc. Natl. Acad. Sci. USA, Vol. 84, pgs. 744-748 (1987)	
	CC	Sanchez-Serrano et al., Mol. Gen. Genet., Vol. 203, pgs. 15-20 (1986)	
	CD	Gadea et al., Mol. Plant Microbe Interact, Vol. 9, pgs. 409-415 (1996)	
	CE	Instruction Manual of Nylon Membranes Optimized for Nucleic Acid Transfer by Amersham Biosciences, pgs. 1-40 (2003)	
ML	CF	Sambrook et al., A Laboratory Manual of Molecular Cloning, Cold Spring Harbor Laboratory Press, pgs. 8.2 8.86 (1989)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	2/17/06
-----------------------	--	--------------------	---------



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/725,829-Conf. #7267
				Filing Date	December 1, 2003
				First Named Inventor	Chi-Ming Che
				Art Unit	1638
				Examiner Name	Maria Teresa Samson
Sheet	1	of	3	Attorney Docket Number	V9661.0043

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AOL	AA	US-PP10,742	12-29-1998	Rodolfo Valdoz Bautista	
	AB	US-5,650,148	07-22-1997	Gage et al.	
	AC	US-5,850,015	12-15-1998	Bauer et al.	
	AD	US-PP10,682	11-10-1998	Renate Plate	
	AE	US-5,869,720	02-09-1999	Maliyakal E. John	
	AF	US-PP10,704	11-24-1998	Robert Edward Lee	
	AG	US-5,889,189	03-30-1999	Raymond L. Rodriguez	
	AH	US-5,824,842	10-20-1998	MacKay et al.	
	AI	US-4,376,110	03-08-1983	David et al.	
	AJ	US-4,946,778	08-07-1990	Ladner et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
AOL	CA	Abstract of Nielsen et al., Int. J. Neural System, Vol. 8, Nos. 5-6, pgs. 581-599 (1997)		
	CB	Alfred Nisonoff, The Journal of Immunology, Vol. 147, pgs. 2429-2438 (1991)		
	CC	Huang et al., Planta, Vol. 191, pgs. 256-264 (1993)		
	CD	Hendriks et al., Plant Molecular Biology, Vol. 17, pgs. 385-394 (1991)		
	CE	Gordon-Kamm et al., The Plant Cell, Vol. 2, pgs. 603-618 (1990)		
	CF	Gatehouse et al., Molecular Breeding, Vol. 3, pgs. 49-63 (1997)		
	CG	Abstract of Grimsley et al., Nature, Vol. 325, pgs. 177-179 (1987)		
	CH	Abstract of C. Gatz, Methods Cell Biol., Vol. 50, pgs. 411-424 (1995)		
	CI	Guerrero et al., Plant Molecular Biology, Vol. 36, pgs. 565-571 (1998)		
	CJ	Jean T. Greenberg, Proc. Natl. Acad. Sci. USA, Vol. 93, pgs. 12094-12097 (1996)		
AOL	CK	Ito et al., The Plant Cell, Vol. 14, pgs. 3201-3211 (2002)		
	CL	Wu et al., Plant Molecular Biology, Vol. 44, pgs. 267-281 (2000)		
	CM	Morrison et al., Proc. Natl. Acad. Sci. USA, Vol. 81, pgs. 6852-6855 (1984)		
	CN	Ross et al., The Plant Journal, Vol. 21, No. 6, pgs. 547-552 (2000)		
	CO	Margossian et al., Proc. Natl. Acad. Sci. USA, Vol. 85, pgs. 8012-8016 (1988)		
	CP	Neuberger et al., Nature, Vol. 312, pgs. 604-608 (1984)		
	CQ	McNellis et al., The Plant Journal, Vol. 14, No. 2, pgs. 247-257 (1998)		
	CR	Klopfenstein et al., Biomass and Bioenergy, Vol. 12, pgs. 299-311 (1997)		
	Examiner Signature			Date Considered
				2/17/05

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/725,829-Conf. #7267		
		Filing Date	December 1, 2003		
		First Named Inventor	Chi-Ming Che		
		Art Unit	1638		
		Examiner Name	Maria Teresa Samson		
Sheet	2	of	3	Attorney Docket Number	V9661.0043

CS	Abstract of Takamatsu et al., EMBO Journal, Vol. 6, No. 2, pgs. 307-311 (1987)
CT	Abstract of Shimamoto et al., Nature, Vol. 338, pgs. 274-276 (1989)
CU	Takeda et al., Nature, Vol. 314, pgs. 452-454 (1985)
CV	Tamayo et al., Planta, Vol. 211, pgs. 62-71 (2000)
CW	Abstract of Seymour et al., Plant Mol. Biol., Vol. 23, No. 1, pgs. 1-9 (1993)
CX	Stevens et al., Plant Physiology, Vol. 124, pgs. 173-182 (2000)
CY	Kolipara et al., J. Agric. Food Chem., Vol. 40, No. 12, pgs. 2358-2363 (1992)
CZ	Abstract of Myers et al., Comput Appl. Biosci., Vol. 4, No. 1, pgs. 11-17 (1988)
CA1	Lee et al., Molecular Breeding, Vol. 5, pgs. 1-9 (1999)
CB1	Weinmann et al., The Plant Journal, Vol. 5, No. 4, pgs. 559-569 (1994)
CC1	Odell et al., Nature, Vol. 313, pgs. 810-812 (1985)
CD1	Kush et al., Proc. Natl. Acad. Sci., USA, Vol. 87, pgs. 1787-1790 (1990)
CE1	Outchkourov et al., Plant Physiology, Vol. 133, pgs. 379-390 (2003)
CF1	Kolipara et al., J. Agric. Food Chem., Vol. 40, pgs. 2356-2363 (1992)
CG1	U.K. Laemmli, Nature, Vol. 227, pgs. 680-685 (1970)
CH1	Abstract of Lund et al., Plant Mol. Biol., Vol. 18, No. 1, pgs. 47-53 (1992)
CI1	Abstract of Ward et al., Nature, Vol. 341, pgs. 544-546 (1989)
CJ1	Clarence A. Ryan., BioEssays, Vol. 10, pgs. 20-24 (1989)
CK1	Lorberth et al., The Plant Journal, Vol. 2, No. 4, pgs. 477-486 (1992)
CL1	Morrison et al., Proc. Natl. Acad. Sci., USA, Vol. 81, pgs. 6851-6855 (1984)
CM1	Rosahl et al., Mol. Gen. Genet., Vol. 202, pgs. 368-373 (1986)
CN1	Reddy et al., Molecular Breeding, Vol. 9, pgs. 259-269 (2002)
CO1	Passelegue et al., Plant Science, Vol. 113, pgs. 79-89 (1996)
CP1	Pearce et al., Plant Physiol., Vol. 102, pgs. 639-644 (1993)
CQ1	Valdes et al., Biochemical and Biophysical Research Communications, Vol. 308, pgs. 94-100 (2003)
CR1	Salinas et al., The Plant Cell, Vol. 4, pgs. 1485-1493 (1992)
CS1	Shilo et al., Proc. Nat'l Acad. Sci. USA, Vol. 78, pgs. 6789-6792 (1981)
CT1	Klein et al., Proceedings of the National Academy of Sciences of the United States of America, Vol. 85, pgs. 4305-4309 (1988)
CU1	Svab et al., Proc. Natl. Acad. Sc. USA, Vol. 90, pgs. 913-917 (1993)
CV1	Abstract of Potrykus et al., Mol. Gen. Genet., Vol. 199, pgs. 169-177 (1985)
CW1	Pena-Cortes et al., The Plant Cell, Vol. 3, pgs. 963-972 (1991)
CX1	Jones et al., Plant Molecular Biology, Vol. 28, pgs. 505-512 (1995)
CY1	Chen et al., Plant Molecular Biology, Vol. 35, pgs. 821-831 (1997)
CZ1	Chye et al., The Plant Journal, Vol. 18, pgs. 205-214 (1999)
CA2	Abstract of Coruzzi et al., EMBO J., Vol. 3, pgs. 1671-1679 (1984)
CB2	Cordero et al., The Plant Journal, Vol. 6, pgs. 141-150 (1994)
CC2	Nielsen et al., Protein Engineering, Vol. 12, pgs. 3-9 (1999)
CD2	Beers et al., Plant Molecular Biology, Vol. 44, pgs. 399-415 (2000)
CE2	Abstract of Jefferson et al., EMBO J., Vol. 6, No. 13, pgs. 3901-3907 (1987)
CF2	Janknecht et al., Proc. Natl. Acad. Sci. USA, Vol. 88, pgs. 8972-8976 (1991)
CG2	Abstract of Florack et al., Plant Mol. Biol., Vol. 24, pgs. 83-96 (1994)
CH2	Abstract of Curtis et al., Journal of Experimental Botany, Vol. 45, pgs. 1441-1449 (1994)
CI2	Abstract of Franck et al., Cell, Vol. 21, pgs. 285-294 (1980)
CJ2	Abstract of Caddick et al., Nat. Biotechnol., Vol. 16, pgs. 177-180 (1998)
CK2	Johnson et al., Proc. Natl. Acad. Sci. USA, Vol. 86, pgs. 9871-9875 (1989)
CL2	Abstract of Huang et al., Planta et al., Vol. 194, pgs. 200-214 (1994)
CM2	Felton et al., "Antinutritive plant defence mechanisms", Biology of the Insect Midgut, published

Examiner Signature		Date Considered	2/10/05
--------------------	---	-----------------	---------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/725,829-Conf. #7267		
		Filing Date	December 1, 2003		
		First Named Inventor	Chi-Ming Che		
		Art Unit	1638		
		Examiner Name	Maria Teresa Samson		
Sheet	3	of	3	Attorney Docket Number	V9661.0043

by Chapman & Hall, London, U.K. (1996)	
CN2 Walker-Simmons et al., Plant Physiol., Vol. 60, pgs. 61-63 (1977)	
CO2 Karlin et al., Proc. Natl. Acad. Sci. USA, Vol. 87, pgs. 2264-2268 (1990)	
CP2 Daniell et al., TRENDS in Plant Science, Vol. 7, pgs. 84-91 (2002)	
CQ2 Daniell et al., TRENDS in Plant Science, Vol. 6, pgs. 219-226 (2001)	
CR2 Duan et al., Nature Biotechnology, Vol. 14, pgs. 494-498 (1996)	
CS2 Abstract of Dellaporta et al., Plant Molecular Biology Reporter, Vol. 1, pgs. 19-21 (1983)	
CT2 Dominguez et al., The Plant Journal, Vol. 15, pgs. 569-574 (1998)	
CU2 Fromm et al., Proc. Natl. Acad. Sci. USA, pgs. 5824-5828 (1985)	
CV2 Brzin et al., Biotechnology and Genetic Engineering Reviews, Vol. 13, pgs. 420-467 (1995)	
CW2 Bryant et al., Biochemistry, Vol. 15, pgs. 3418-3423 (1976)	
CX2 Brandstadter et al., Mol. Gen. Genet., Vol. 252, pgs. 146-154 (1996)	
CY2 Pfitzner et al., Nucleic Acids Research, Vol. 15, pgs. 4449-4465 (1987)	
CZ2 Karlin et al., Proc. Natl. Acad. Sci. USA, Vol. 90, pgs. 5873-5877 (1993)	
CA3 Hensel et al., The Plant Cell, Vol. 5, pgs. 553-564 (1993)	
CB3 Greenspan et al., The FASEB Journal, Vol. 7, pgs. 437-444 (1993)	
CC3 Michael Bevan, Nucleic Acids Research, Vol. 12, pgs. 8711-8721 (1984)	
CD3 Boothe et al., Drug Development Research, Vol. 42, pgs. 172-181 (1997)	
CE3 Altschul et al., Nucleic Acids Research, Vol. 25, pgs. 3389-3402 (1997)	
CF3 Atkinson et al., The Plant Cell, Vol. 5, pgs. 203-213 (1993)	
CG3 Huston et al., Proc. Natl. Acad. Sci. USA, Vol. 85, pgs. 5879-5883 (1988)	
CH3 Brisson et al., Nature, Vol. 310, pgs. 511-513 (1984)	
CI3 Abstract of Broglie et al., Science, Vol. 224, pgs. 838-843 (1984)	
CJ3 Hooykaas-Van Slogteren et al., Nature, Vol. 311, pgs. 763-764 (1984)	
CK3 Abstract of Altschul et al., Journal of Molecular Biology, Vol. 215, pgs. 403-410 (1990)	
CL3 Abstract of Applebaum et al., Journal of Insect Physiology, Vol. 2, pgs. 665-669 (1966)	
CM3 Abstract of Bevan et al., Annu Rev Genet., Vol. 16, pgs. 357-384 (1982)	
CN3 Abstract of Birk et al., Biochim Biophys Acta., Vol. 67, pgs. 326-328 (1963)	
CO3 Marion M. Bradford, Analytical Biochemistry, Vol. 72, pgs. 248-254 (1976)	
CP3 Hilder et al., "Transgenic Plants Conferring Insect Tolerance: Protease Inhibitor Approach", published by Department of Biological Sciences, University of Durham, Durham DH1 3LI, United Kingdom, pgs. 317-337	
CQ3 Gustafson et al., The Journal of Biological Chemistry, Vol. 251, pgs. 7004-7010 (1976)	
CR3 Copy of article at <a href="http://genome-www.stanford.edu/Arabidopsis/cshl/course/5-in-situ.htm">http://genome-www.stanford.edu/Arabidopsis/cshl/course/5-in-situ.htm</a>	
CS3 Computer Corner, "PSORT: a program for detecting sorting signals in proteins and predicting their subcellular localization", TIBS 24, pgs. 34-35 (1999)	
CT3 Hilder et al., "Transgenic plants conferring insect tolerance: proteinase inhibitor approach", editors: Transgenic Plants. 1. Engineering and Utilization, San Diego: Academic Press, USA, pgs. 317-338 (1993)	
CU3 Reeck et al., "Proteinase inhibitors and resistance of transgenic plants to insects", editors: Advances in Insect Control: The Role of Transgenic Plants, Taylor and Francis, London, United Kingdom, pgs. 157-183 (1997)	
CV3 Angharad M.R. Gatehouse, "Biotechnological applications of plant genes in the production of insect resistant crops", editors: In Global Plant Genetic Resources for Insect Resistant Crops, SL Clement, SS Quisenberry, London, United Kingdom, pgs. 263-280 (1998)	
CW3 Cox et al., "Analysis of plant gene expression", editors: Plant molecular biology: a practical approach, Oxford: IRL Press, United Kingdom, pgs. 1-34 (1988)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 \*Applicant's unique citation designation number (optional). \*Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	2/17/06
--------------------	--------------------	-----------------	---------